



Customer Snapshot

“Our goal was to stick with best-of-breed wherever possible, and that’s why we wanted VMware Infrastructure 3 to run on top of an Intel architecture. Intel is very reliable, and reliability counts for a lot in the IT world.”

Wayne Neilson

*IT Systems Administrator,
Ausclad Group of Companies*

HIGHLIGHTS

CHALLENGE

Rapidly expanding company is poised to outgrow existing data center

SOLUTION

VMware® and Intel technology creates a scalable virtual infrastructure that can easily accommodate growth.

VMWARE AND INTEL AT WORK

VMware® Infrastructure 3 Enterprise, featuring:

- ESX Server
 - IBM X3650 servers with Intel Xeon processors attached to EMC Clarion CX-310 SAN
- VirtualCenter 2
- VMotion™
- Distributed Resource Scheduler (DRS)
- High Availability (HA)

DEPLOYMENT ENVIRONMENT

- Guest operating systems: Windows 2003
- Virtualized Applications: Citrix, in house applications running off of SQL and SAP databases, file servers, print servers, domain controllers

LESS SERVERS MEANS MORE ROOM TO GROW FOR AUSCLAD GROUP

Headquartered in Perth, Australia, the Ausclad Group of Companies (Ausclad) provides multi-disciplinary services—from engineering and manufacturing, to construction and maintenance—to the Oil & Gas and Mining industries.

Due to an ongoing energy boom in the Pacific Rim, Ausclad saw demand for its services expand significantly over an 18-month period. As the company grew, the company needed to ensure that its underlying IT infrastructure could keep up. “We had a relatively small server room that didn’t have a lot of room for growth,” says Wayne Neilson, IT Systems Administrator for Ausclad. “In order to expand at the rate we needed to, we either had to create a bigger server room onsite, or move the room somewhere else—which would have been a nightmare.”

Virtualization presented a better option. Using VMware Infrastructure 3 and Intel-based servers, Ausclad converted multiple individual servers into virtual machines and consolidated them on a few, powerful ESX hypervisors. Additionally, whenever a new server is required, Ausclad can create a new virtual machine from an existing template and quickly deploy it, saving time and money.

“In such a rapidly expanding environment as ours, with a continually growing user base that requires more infrastructure, we need to be able to react and adapt quickly,” says Neilson. “Our virtual infrastructure—powered by VMware and Intel—gives us the tools and ability to do that.”

RESULTS

- Enable continued expansion of business. “We’ve deployed 20 virtual machines over the past 18 months to support our expanding user base,” says Neilson. “There is just no way that we could have deployed 20 physical servers—they just could not fit into the existing server room.”
- Provision new servers in minutes rather than hours. “If the business requires a new server to be rolled out, I can accomplish that task in a matter of minutes,” says Neilson. “In fact, I’ve done that several times just in the past month.”
- Streamline IT administration. “VMware Virtual Center is a fantastic tool that lets me monitor all of my virtual machines from one desktop console,” says Neilson. “That makes my job a lot easier and saves a lot of time.”